

# Commercial Air Quality Instruments

Company	Product	Size	Pollutants	Cost
Aethlabs	microAeth AE51	Handheld	Black carbon	Mid cost
2BTech	POM Monitor 106-L	Handheld Shoebox	O <sub>3</sub>	Mid cost
Thermo	Aerosol Monitor, personal DataRAM pDR-1500	Shoebox	PM <sub>2.5</sub> , PM <sub>10</sub>	Mid cost
TSI	DUSTTRAK™ II Aerosol Monitor	Shoebox	PM <sub>1</sub> , PM <sub>2.5</sub> , PM <sub>10</sub>	Mid cost
AreaRAE	Various models	Handheld Shoebox	CO, carbon dioxide (CO <sub>2</sub> ), hydrogen sulfide (H <sub>2</sub> S), nitric oxide (NO), NO <sub>2</sub>	Lower cost
Aeroqual	Series 200 to 500	Handheld	O <sub>3</sub> , NO <sub>2</sub> , CO, CO <sub>2</sub> , H <sub>2</sub> S, SO <sub>2</sub>	Lower cost
Dräger	Various models	Handheld	CO, CO <sub>2</sub> , NO, NO <sub>2</sub> , SO <sub>2</sub> , H <sub>2</sub> S	Low cost
Sciencescope	Logbook GLE	Handheld	CO	Low cost
Vernier	LabQuest	Handheld	CO <sub>2</sub>	Low cost
Sensaris	Various models	Handheld	O <sub>3</sub> , CO, NO <sub>2</sub> , CO <sub>2</sub>	Low cost
Libelium	Waspmotes Gas sensor board	Handheld	O <sub>3</sub> , CO, NO <sub>2</sub> , CO <sub>2</sub>	Low cost

High cost >\$10,000\*

Mid cost \$4,000-\$7,000

Lower cost \$1,000-\$2,000

Low cost <\$1,000

\*Typical AQ agency instruments

Tim Dye

Sonoma Technology, Inc.

tim@sonomatech.com